

Claims

1. A system for fixing accessories, such as shelf dividers, feed devices, holders for information carriers, etc. to a shelf (1), to which shelf a number of accessories can be fixed detachably in various positions along the length of the shelf, comprising at least one accessory (20) having a foot (24) and a clamping device (30), which latter comprises a channel element (31) extending parallel with the longitudinal direction of the shelf and having an open longitudinal side (37) for forming an open channel (36), an actuatable holding member, extending along the channel element, for holding at least one foot in the channel, and a control member (65) for transferring the holding member between a holding position, in which the foot is held in a fixation position in the channel, and a release position, in which the foot is freed, characterized by an elastic member (50, 80) which allows the foot (24) to be guided into and/or out from its fixation position in the channel (36) even when the holding member (50) is in its holding position.
2. The system as claimed in claim 1, in which the holding member is configured to prevent displacement of the foot (24) in the longitudinal direction of the channel (36) when the holding member is in its holding position.
3. The system as claimed in claim 1 or 2, in which the holding member comprises an elongated member which extends in the longitudinal direction of the channel element (31) and which is disposed in the channel such that it can be rotated or bent about an axis parallel with the longitudinal direction of the channel.
4. The system as claimed in claim 3, in which the elongated element is constituted by a leaf spring (50) constituting the elastic element, which allows the foot

(24) to be guided into and/or out from its fixation position in the channel (36) even when the holding member is in its holding position.

5 5. The system as claimed in claim 3 or 4, in which the elongated element has a plurality of tongues (54), disposed one behind the other in the longitudinal direction of the element, which constitute means for preventing displacement of the foot (24) in the
10 longitudinal direction of the channel (36).

6. The system as claimed in any one of claims 1-5, in which the control member (65) comprises an elongated actuating member (60), which extends parallel with the
15 longitudinal direction of the channel (36) and which is disposed rotatably, about an axis parallel with the longitudinal direction of the channel, between a passive position and an active position, in which active position the actuating member (60) bears against
20 the holding member and presses this toward its holding position.

7. The system as claimed in claim 6, in which the control member (65) comprises a lever (64) for manually
25 transferring the actuating member (60) between its passive and active position.

8. The system as claimed in any one of claims 1-7, in which an elastic member (80), which allows the foot
30 (26) to be guided into and/or out from its fixation position in the channel (36) even when the holding member is in its holding position, is disposed on the foot (26) of the accessory.

35 9. The system as claimed in any one of claims 1-8, in which the foot (24) of the accessory (20) has a flange (26), which, in the mounted position, juts into the channel (36) and extends parallel with the longitudinal direction of the channel.

10. The system as claimed in claim 9, in which the foot (24) comprises engagement members (27, 28), which are disposed on the flange (26) and which interact with
5 corresponding engagement members (71, 72) disposed on the channel element (31) in order to stabilize the accessory.

11. The system as claimed in claim 10, in which the
10 engagement members of the foot (24) comprise a bead (27) projecting from the flange (26), which bead extends parallel with the longitudinal direction of the flange and, in the mounted position, juts into a corresponding groove (71) present in one (33) of the
15 walls of the channel element (31).

12. The system as claimed in claim 10, in which the engagement members of the foot (24) comprise a groove (28) which is made in the flange (26), parallel with
20 the longitudinal direction of the flange, and which, in the mounted position, receives a projecting bead (72) disposed on one (33) of the walls of the channel element (31).

13. The system as claimed in any one of claims 1-12, in which the channel element (31) has a supporting surface (38), which, when the channel element is mounted on a shelf, is substantially parallel with the shelf plane (2) and somewhat depressed in relation to
25 the shelf plane, and in which the accessory foot (24) has a supporting part (25), which is arranged to bear against the supporting surface without jutting up above the shelf plane.

14. The system as claimed in any one of claims 1-13, in which the channel element (31) is constituted by an elongated molding, which is designed to be fastened to the front edge of the shelf or in a groove (3) formed
35 in the shelf.

15. A clamping device (30) for a system as claimed in any one of claims 1-14, comprising a channel element (30) having an open longitudinal side (37) for forming a channel (36), a holding member, extending along the channel element, for holding at least one accessory foot (24) in the channel, and a control member (65) for transferring the holding member between a holding position, in which the foot is held in a fixation position in the channel, and a release position, in which the foot is freed, **characterized in that** the holding member comprises an elongated element, which is elastic to allow the accessory to be guided into and/or out from the channel even when the holding member is in its holding position.

16. The clamping device as claimed in claim 15, in which the elongated elastic element is constituted by a leaf spring (50), which is disposed in the channel (36) such that it can be rotated or bent about an axis extending parallel with the longitudinal direction of the channel.

17. The clamping device as claimed in claim 15 or 16, in which the elongated elastic element has a plurality of tongues (54), disposed one behind the other in the longitudinal direction of the element, which prevent displacement of the accessory foot (24) when the holding member is in its holding position.

18. An accessory for a system as claimed in any one of claims 1-14, comprising a foot (24) having a flange (26), which is designed to jut into an open channel (36) of the system and extends substantially parallel with the longitudinal direction of the shelf (1), **characterized in that** the foot comprises engagement members (27, 71), which are disposed on the flange and which are configured to interact with corresponding

engagement members (28, 72) in the channel in order to stabilize the accessory.

19. The accessory as claimed in claim 18, in which the engagement members of the foot (24) comprise a bead (27) projecting from the flange (26), which bead extends parallel with the longitudinal direction of the flange and is designed to, in the mounted position, jut into a corresponding groove (71) in one (3) of the walls of the channel (36).

20. The accessory as claimed in claim 18, in which the engagement members of the foot (24) comprise a groove (28) which is made in the flange (26), parallel with the longitudinal direction of the flange, and which, in the mounted position, receives a projecting bead (72) disposed on one (33) of the walls of the channel.

21. The accessory as claimed in any one of claims 18-20, in which the foot comprises a supporting part (25), which projects substantially perpendicularly from the flange (26) at its upper edge and which is arranged to bear against a supporting surface (38) on the channel element (31) without jutting up above the shelf plane, which supporting surface is substantially parallel with the shelf plane (2) and depressed in relation thereto.

22. The accessory as claimed in any one of claims 18-21, in which the foot (24) is provided with an elastic member (80).

23. The accessory as claimed in any one of claims 18-22, in which the accessory is constituted by a shelf divider (20) comprising a divider wall (21) which is configured to, in the mounted position, jut up from the shelf plane (2) and extend at an angle to the longitudinal direction of the shelf (1), the foot (24) projecting from one of the edges of the divider wall.

24. The accessory as claimed in any one of claims 18-22, in which the accessory is constituted by a feed device.

5 25. A shelf comprising a system as claimed in any one of claims 1-14.

26. A shelf comprising a clamping device (30) as claimed in any one of claims 15-17.

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27. The shelf as claimed in claim 25, in which the channel element (31) is fastened to the front edge of the shelf.

15 28. The shelf as claimed in claim 25, in which the channel element is received in a groove (3) formed in the shelf.

20 29. The shelf as claimed in claim 25, in which the channel element (31) is formed by the shelf.